

WHAT IS CLAIMED IS:

1. A gamma camera comprising:
a detector which acts to acquire scintillation event
5 data;
an event data processor coupled to the detector which
is responsive to the event data to produce image
information;
a camera system controller, responsive to study
10 parameters, which acts to control the camera to perform a
desired nuclear study; and
a user input, coupled to the controller, which
enables user selection of a study parameter,
wherein the user input is operable during the conduct
15 of a study to enable the user to modify the study
parameter.
2. The gamma camera of Claim 1, wherein the user
input is operable while the detector is acquiring
20 scintillation event data to modify the conduct of the
study.
3. The gamma camera of Claim 1, further comprising
a gantry, coupled to the detector, which acts to move the
25 detector from an initial position to a final position
during the conduct of a study.
4. The gamma camera of Claim 1, wherein the study
parameter which is modified is the time of event data
30 acquisition.
5. The gamma camera of Claim 1, wherein the study
parameter which is modified is the number of frames
acquired during the study.

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verifying that a modified parameter can be prospectively utilized during the completion of the study.

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